ABSTRACT OF THE DISCLOSURE

The invention relates to methods for use in a wavetable based sound synthesis, wherein a first processor stores wavetable data and wherein a second processor generates an output audio signal frame-by-frame based on samples of the wavetable data. One method comprises at the first processor selecting samples of the stored wavetable data, which are expected to be required at the most at the second processor for generating a next output audio frame. The selection is based on a model of a pitch-shift evolution during a single frame and on the number of samples which have been used so far by the second processor. The selected samples are made available to the second processor. Another method allows the second processor to make use of the provided samples. The invention relates equally to corresponding processors, to a corresponding wavetable based sound synthesis system, to a corresponding device and to corresponding software program products.